MATHSFRAME.co.uk

Convert between different units of metric measure.

Remember: 1cm = 10mm | 1m = 100cm | 1km = 1000m | 1litre = 1000ml | 1kg = 1000g

1	60mm = _____ cm	2	250 cm = _____ m
3	4.2km = _____ m	4	325g = _____ kg
5	41 mm = _____ cm	6	2150ml = _____ litres
7	4.05 litres = _____ ml	8	7.8 kg = _____ g
9	4.05km = _____ m		

10 Monty and Elijah are taking part in the long jump.

Monty jumps **2.08m**.

Elijah jumps **187cm**.

How much **further** is Monty's jump than Elijah's?



cm

11 Trinity runs **5 laps** of the school field.

One lap of the field is **210m**.

How far does she run in **kilometres**?



km

12 Milly's brother weighed **3.8kg** when he was born.

When he was one month old he was **720g** heavier.

How much did he weigh when he was one month old?



kg

13 Adam opened a **2 litre** bottle of juice.

He filled a **350ml** glass with juice.

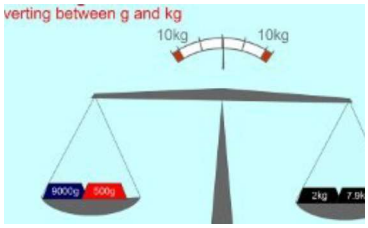
How much juice was left in the bottle?



litres

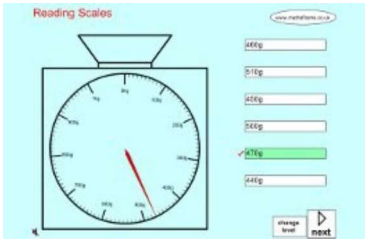
Convert between different units of metric measure

Useful interactive games to teach the skills needed for measuring mass:



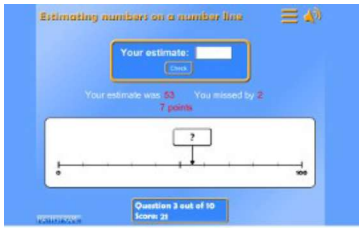
http://mathsframe.co.uk/en/resources/resource/86/convert_g_to_kg

Develops an understanding of converting between grams and kilograms using a balance scale.



http://mathsframe.co.uk/en/resources/resource/124/reading_scales

Choose to read scales measuring mass, capacity or temperature. Choose numbered, or partially numbers scales. Also available as an iPad app.



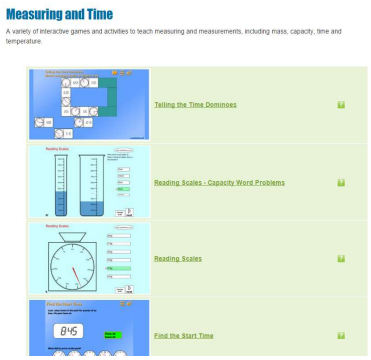
http://mathsframe.co.uk/en/resources/resource/265/Estimate_Number_Line

Estimate the number on a number line. A useful warm up to reading scales as it can be used to discuss the value of un-numbered divisions.



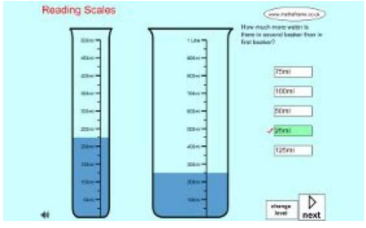
http://mathsframe.co.uk/en/resources/resource/258/Convert_Measurements_Dominoes

Match dominoes with the same value. Convert between litres and millilitres, or a wide range of other measures.



http://mathsframe.co.uk/en/resources/category/23/measuring_and_time

Lots of games to practise reading scales and measuring.



http://mathsframe.co.uk/en/resources/resource/127/reading_scales__capacity_word_problems

Read varying scales and answer the word problems. Choice of level. Also available as an iPad app.